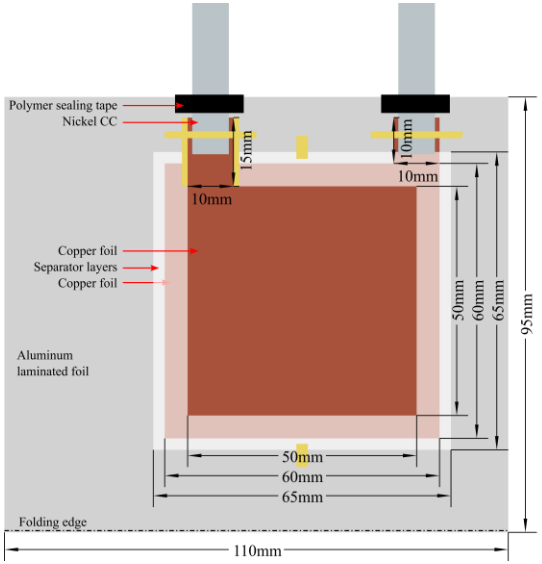
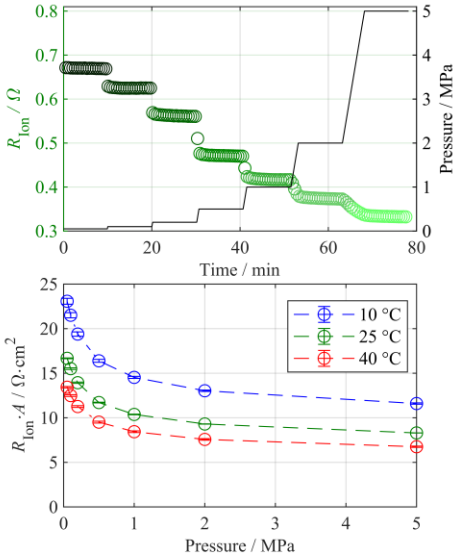
Performance and Properties of Laboratory and Commercial Separators under Compression and Varying Temperature

Highlights:

- Improved wetting procedure for microporous separators enabling accurate ionic resistance measurements
- Compression- and temperature-dependent characterization of structural and transport parameters for various separator types
- Comparison of laboratory glass fiber and commercial microporous separators
- Evaluation of the validity of the Bruggeman relation





Kücher and Schabenberger et al. (2025) Journal of The Electrochemical Society, http://dx.doi.org/10.1149/1945-7111/ade47b